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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

(To be used for all correspondence  
after initial filing)

Application Number	09/885,002
Filing Date	June 21, 2001
First Named Inventor	David Adams
Group Art Unit	2683
Examiner Name	DEC 02 2003
Attorney Docket No.	191115.407C2

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### ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> CD(s), Number of CD(s)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Request for Corrected Filing Receipt	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Amendment/Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Declaration	<input checked="" type="checkbox"/> Return Receipt Postcard
<input checked="" type="checkbox"/> Information Disclosure Statement; Form PTO-1449	<input type="checkbox"/> Statement under 37 CFR 3.73(b)	<input type="checkbox"/> Additional Enclosure(s) (please identify below):
<input checked="" type="checkbox"/> Cited References (88)	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53		
<input type="checkbox"/> Response to Missing Parts/Incomplete Application		

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Remarks

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Individual Name	Frank Abramonte	Customer Number
		00500
Signature		
Date	November 24, 2003	

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date specified below.

Typed or printed name	SENT VIA EXPRESS MAIL	
Signature		Date:



PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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DEC 02 2003

Technology Center 2000

Applicants : David Adams et al.  
Application No. : 09/885,002  
Filed : June 21, 2001  
For : TEST SYSTEM FOR REMOTELY TESTING  
SWITCHES WITHIN A TELECOMMUNICATIONS  
NETWORK

Art Unit : 2683  
Docket No. : 191115.407C2  
Date : November 24, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached Form PTO-1449. This application is a CIP and relies, under 35 U.S.C. § 120, on the earlier filing date of prior Application No. 09/799,448, filed March 5, 2001, now U.S. Patent 6,542,738, which is a continuation of prior Application No. 09/146,606, filed September 3, 1998, now U.S. Patent 6,230,006. References AA, AD, AH, AP, AQ, BO, BQ, BR, and CN listed on the attached Form PTO-1449 were submitted to and/or cited by the Patent and Trademark Office in these prior applications and, therefore, are not required to be provided in this application. If the Examiner wishes, copies will be provided upon request. However, all other references listed on the Form PTO-1449 that have not been submitted to and/or cited by the Patent and Trademark Office in this prior application are provided.

Any reference not dated was made public more than one year prior to the filing date of the instant application.



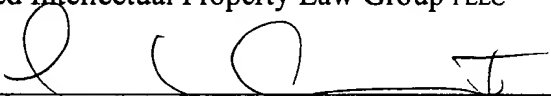
Applicants note that references AL, AM, and AN are not written in English. Accordingly, the Examiner's attention is respectfully directed to the cover sheet of each document which sets forth an English language abstract.

As to any reference supplied, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Applicants believe this Information Disclosure Statement has been timely filed, however, the Director is authorized to charge any fee due by way of this Information Disclosure Statement to our Deposit Account No. 19-1090.

Respectfully submitted,  
Seed Intellectual Property Law Group PLLC

  
\_\_\_\_\_  
Frank Abramonte  
Registration No. 38,066

Enclosures:  
Postcard  
Form PTO-1449  
Cited References (88)

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434189

FORM PTO-14  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
191115.407C2APPLICATION NO.  
09/885,002INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)

APPLICANTS

David Adams et al.

FILING DATE

June 21, 2001

GROUP ART UNIT

2683

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,481,588	01/02/96	Rickli et al.	379	32	
	AB	5,490,204	02/06/96	Gulledge	379	59	
	AC	5,615,225	03/25/97	Foster et al.	379	29	
	AD	5,706,333	01/06/98	Grenning et al.	379	59	
	AE	5,768,689	06/16/98	Borg	455	67.4	
	AF	5,835,564	11/10/98	Chang et al.	379	1	
	AG	5,903,633	05/11/99	Lorsch	379	114	
	AH	5,930,707	07/27/99	Vambaris et al.	455	424	
	AI	5,931,907	08/03/99	Davies et al.	709	218	
	AJ	5,933,776	08/03/99	Kirkpatrick	455	423	
	AK	5,987,306	11/16/99	Nilsen et al.	455	67.1	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AL	WO 98/58509	12/23/98	WIPO		
	AM	WO 99/25140	05/20/99	WIPO		
	AN	WO 99/27721	06/03/99	WIPO		

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO		"What is a Type-56 Responder/Type-105 Test Line?" Sage Instruments, Freedom, CA.			
	AP		"356EC Cellular Responder," Sage Instruments, Freedom, CA, 1991.			
	AQ		"356 TMK Cellular Responder," Sage Instruments, Freedom, CA, 1991.			

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).



FORM PT 1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 191115.407C2	APPLICATION NO. 09/885,002
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS David Adams et al.	
		FILING DATE June 21, 2001	GROUP ART UNIT 2683

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	6,055,425	04/25/00	Sinivaara	455	431	
	BB	6,118,982	09/12/00	Ghisler et al.	455	67.4	
	BC	6,230,002	05/08/01	Flodén et al.	455	411	
	BD	6,230,006	05/08/01	Keenan et al.	455	424	
	BE	6,233,448	05/15/01	Alperovich et al.	455	417	
	BF	6,234,810	05/22/01	Schnell et al.	439	76.1	
	BG	6,234,844	05/22/01	Somerville et al.	439	630	
	BH	6,236,853	05/22/01	Mee et al.	455	414	
	BI	6,240,301	05/29/01	Phillips	455	550	
	BJ	6,244,553	06/12/01	Wang	248	278.1	
	BK	6,244,911	06/12/01	Heim	439	862	
	BL	6,249,276	06/19/01	Ohno	345	173	
	BM	6,253,073	06/26/01	Cooper	455	411	

## FOREIGN PATENT DOCUMENTS

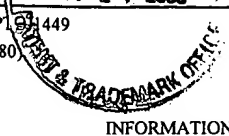
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	BN					

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	BO	"Specifications: 930A Communications Test Set," Sage Instruments, Freedom, CA, 1990.
	BP	"CellSTAR Automated Transmission Test System," Sage Instruments, Freedom, CA.
	BQ	"CellSTAR," Sage Instruments, Freedom, CA, 1992.
	BR	"CellSTAR System Worksheet," Sage Instruments, Freedom, CA, 1992.

EXAMINER	DATE CONSIDERED
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\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO 3449 (REV. 7-80)  INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 191115.407C2	APPLICATION NO. 09/885,002
	APPLICANTS David Adams et al.		
	FILING DATE June 21, 2001	GROUP ART UNIT 2683	

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CA	6,259,921	07/10/01	Totaro et al.	455	445	
	CB	6,259,929	07/10/01	Kuisma	455	550	
	CC	6,261,128	07/17/01	Heim et al.	439	630	
	CD	6,264,506	07/24/01	Yasufuku et al.	439	638	
	CE	6,266,527	07/24/01	Mintz	455	423	
	CF	6,272,450	08/07/01	Hill et al.	703	13	
	CG	6,278,706	08/21/01	Gibbs et al.	370	352	
	CH	6,278,886	08/21/01	Hwang	455	566	
	CI	6,282,182	08/28/01	Pecen et al.	370	336	
	CJ	6,282,491	08/28/01	Bochmann et al.	701	209	
	CK	6,283,376	09/04/01	Schuder et al.	235	486	
	CL	6,285,869	09/04/01	Shannon et al.	455	411	

## FOREIGN PATENT DOCUMENTS

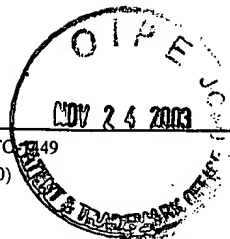
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	CM					

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	CN	"Revenue Assurance Products," <i>Network Performance Improvement Products</i> , Comarco Wireless Technologies, <a href="http://www.comarco.com/html/revenue_assurance_series.htm">http://www.comarco.com/html/revenue_assurance_series.htm</a> , accessed August 10, 1998.
	CO	"Automated Remote Origination Network Test System," IC Engineering, Inc., Owings Mills, MD, November, 1991.
	CP	"Model RTS-1 Remote Access/Loopback Terminal Set Instructions," Metro Tel, Practise 56-0018, Issue 2, September 1991.
	CQ	Huffman, M., "Cut Travel Time For Translations," <i>Telephone Employees &amp; Management</i> , pages 72-73, March 1, 1992.

EXAMINER	DATE CONSIDERED
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\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1749  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
191115.407C2APPLICATION NO.  
09/885,002INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)

APPLICANTS

David Adams et al.

FILING DATE

June 21, 2001

GROUP ART UNIT

2683

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	DA	6,292,666	09/18/01	Siddiqui et al.	455	456	
	DB	6,292,668	09/18/01	Alanara et al.	455	466	
	DC	6,295,454	09/25/01	Havinis et al.	455	456	
	DD	6,298,247	10/02/01	Alperovich et al.	455	558	
	DE	6,301,475	10/09/01	Saarela et al.	455	426	
	DF	6,305,960	10/23/01	Fan	439	188	
	DG	6,307,934	10/23/01	Möster et al.	379	438	
	DH	6,308,069	10/23/01	Freitag et al.	455	435	
	DI	6,308,070	10/23/01	Laster	455	445	
	DJ	6,308,317	10/23/01	Wilkinson et al.	717	5	
	DK	6,311,054	10/30/01	Korpela	455	406	
	DL	6,311,055	10/30/01	Boltz	455	414	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	DM					

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	DN		"TMS Product Catalog," Metro Tel, Hicksville, NY, September 1991.
	DO		"Remote Test Set: Instruction Manual – Model RTS-1," Metro Tel Corp., Hicksville, NY.
	DP		"ARONTS Presentation Outline," Metro Tel Sales Presentation, 1991.
	DQ		"Remote Loopback Test Set Model RTS-1," Metro Tel Corp., Hicksville, NY, April 1988.

EXAMINER

DATE CONSIDERED

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FORM PT 149 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 191115.407C2	APPLICATION NO. 09/885,002
		APPLICANTS David Adams et al.	
		FILING DATE June 21, 2001	GROUP ART UNIT 2683

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Technology Center 2000

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	EA	6,314,290	11/06/01	Joshi et al.	455	427	
	EB	6,320,751	11/20/01	Takeda et al.	361	737	
	EC	6,320,873	11/20/01	Nevo et al.	370	466	
	ED	6,321,079	11/20/01	Cooper	455	411	
	EE	6,321,084	11/20/01	Horrer	455	431	
	EF	6,324,402	11/27/01	Waugh et al.	455	445	
	EG	6,324,412	11/27/01	Alen et al.	455	567	
	EH	6,326,543	12/04/01	Lamp et al.	174	52.1	
	EI	6,327,153	12/04/01	Rauhala et al.	361	737	
	EJ	6,332,579	12/25/01	Ritter	235	492	
	EK	6,334,052	12/25/01	Nordstrand	455	411	
	EL	6,341,069	01/22/02	Torlotin	361	737	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	EM					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	EN	"Remote Access & Test Set Model RTS-1," Metro Tel Corp., Jericho, NY, 1992.
	EO	"Telephone Network Test System," Metro Tel Corp., Hicksville, NY.
	EP	U.S. Patent Application No. 10/194,937, filed July 11, 2002.
	EQ	U.S. Patent Application No. 10/194,417, filed July 11, 2002
	ER	U.S. Patent Application No. 10/194,938, filed July 11, 2002.

EXAMINER	DATE CONSIDERED
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FORM PTO-1049 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 191115.407C2	APPLICATION NO. 09/885,002
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS David Adams et al.	RECEIVED DEC 02 2003 GROUP ART UNIT 2683
		FILING DATE June 21, 2001	

## U.S. PATENT DOCUMENTS

Technology Center 2600

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	FA	6,341,220	01/22/02	Hurme	455	410	
	FB	6,341,228	01/22/02	Hubbe et al.	455	566	
	FC	6,343,945	02/05/02	Liikanen	439	160	
	FD	6,349,204	02/19/02	Goetz et al.	455	419	
	FE	6,353,737	03/05/02	Herzog	455	418	
	FF	6,375,073	04/23/02	Aebi et al.	235	379	
	FG	6,384,789	05/07/02	Hofmann	343	702	
	FH	6,385,300	05/07/02	Mohammadian et al.	379	21	
	FI	6,430,410	08/06/02	Staber	455	423	
	FJ	6,456,859	09/24/02	Desblancs et al.	455	558	
	FK	6,542,738	04/01/03	Keenan et al.	455	424	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	FL					
	FM					
	FN					
	FO					

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

FP	U.S. Patent Application No. 10/194,450, filed July 11, 2002.
FQ	U.S. Patent Application No. 10/194,430, filed July 11, 2002.
FR	U.S. Patent Application No. 10/194,440, filed July 11, 2002.

EXAMINER	DATE CONSIDERED
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